

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(motor with protector) and (abrasive\$3 same exclus\$4)".clm"	US-PGPUB	OR	OFF	2006/09/24 16:13

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(motor with protector) and (abrasive\$3 same exclus\$4)".clm"	US-PGPUB	OR	OFF	2006/09/24 16:13
S1	1	("5842520").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/15 16:36
S2	0	("WO139353").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/14 07:43
S3	1	("0139353").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/14 07:44
S4	1	("0000001").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/14 07:45
S5	67	(417/414).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 16:40
S6	2	((("6981853") or ("6688860"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/14 08:47
S7	16	S5 and protect\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/14 10:15
S8	2	S5 and (bearing\$3 same shroud\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/14 10:44
S9	3	S5 and shroud\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/14 10:14
S10	0	S5 and shred\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/14 10:14
S11	0	S5 and shred\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/14 10:14
S12	23	S5 and separat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/14 10:15
S13	4	("3384769"   "6602059"   "6688860").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 10:32
S14	0	("6981853").URPN.	USPAT	OR	OFF	2006/03/14 10:42
S15	12	S5 and filter\$5	USPAT	OR	OFF	2006/03/14 10:42

## EAST Search History

S16	9	S5 and (bearing\$3 same protect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/14 10:44
S17	4	("3384769"   "6602059"   "6688860").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 12:23
S18	25	("2881013"   "3677665"   "3947709"   "4053398"   "4421999"   "4436488"   "4477235"   "4492523"   "4558247"   "4583923"   "4770678"   "4936386"   "4940911"   "4992689"   "5002128"   "5367214"   "5548116"   "5622222"   "5647435"   "5795135"   "5796197"   "6059539"   "6100616"   "6242829").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 13:00
S19	14	("2011616"   "2236887"   "2739252"   "2962612"   "3052804"   "3255367"   "3369137").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 13:38
S20	10	("4477235").URPN.	USPAT	OR	OFF	2006/03/14 13:40
S21	14	("2011616"   "2236887"   "2739252"   "2962612"   "3052804"   "3255367"   "3369137").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/15 11:54
S22	10	("4477235").URPN.	USPAT	OR	OFF	2006/03/15 11:55
S23	67	(417/414).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 08:55
S24	2	S23 and (stand same tube)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:31
S25	1	S23 and overflow	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:16
S26	2	S23 and stand	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:17
S27	1	S23 and breather	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:37
S28	0	S23 and (polymer adj bag)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:38

## EAST Search History

S29	0	S23 and (polymer same bag)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:38
S30	0	S23 and (polymer near bag)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:38
S31	11	S23 and bag	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:54
S32	0	S23 and polymer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:45
S33	0	S23 and FRP	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:45
S34	1	S23 and fiber	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 09:45
S35	9	S23 and (relief adj valve)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 11:56
S36	1	("20030132003").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/16 11:57
S37	0	("s5and(tubesamefilter)").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/16 14:02
S38	67	(417/414).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 14:02
S39	2	S38 and (tube same filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 14:04
S40	5	S38 and (chamber same filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/16 14:04
S41	1	("20020192090").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/17 09:49
S42	1	("5699859").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/17 09:51
S43	1	("4616980").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/17 09:53

## EAST Search History

S44	133561	"417"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/17 09:54
S45	1	("0000417").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/17 09:54
S46	6	motor\$5 near5 (tube\$4 or tubing\$3 or duct\$3 or passage\$5 or elbow\$2) with (cap\$4 or stop\$4 or plug\$4) same (standpipe\$4 or stand\$3 adj0 pipe\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/17 09:58
S47	0	(motor same protector) with (keyless near bearings)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:40
S48	0	(motor with protector) with (keyless near5 bearings)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:37
S49	0	(motor with protector) with (keyless same bearings)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/24 16:12
S50	211	(417/423.11).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 16:40
S51	0	S50 and (keyless near bearing\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:40
S52	0	(motor with protector) with (keyless same bearing\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:41
S53	0	(protector) with (keyless same bearing\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:41
S54	221	(keyless same bearing\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:53
S55	62529	("417").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 16:42
S56	0	("l9andl8").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/15 16:43

## EAST Search History

S57	1	S55 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:43
S58	13	S54 and pump\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:45
S59	100	S54 and motor\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:53
S60	1	S54 and (submersible and motor\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:46
S61	13	S54 and (motor\$2 with protect\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/15 16:46